

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBS	Default Operator	Plurals	Time Stamp
L1	0	structure and tail and tube and axial and length and shortens and intake and stroke and increases and exhaust and pump and rigid and outer and casing and interior and space) dm	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2009/10/08 16:36
L3	4	"1514873" or "4240812" or "5229010" or "3423907".pm	JUSPAT	OR	OFF	2009/10/08 16:41
L25	563	(US 7466748 \$ or US 7404704 \$ or US 7396218 \$ or US 7390175 \$ or US 7329105 \$ or US 7318706 \$ or US 7278836 \$ or US 7252486 \$ or US 7222080 \$ or US 7217105 \$ or US 7198474 \$ or US 7175395 \$ or US 7134946 \$ or US 7131820 \$ or US 7080792 \$ or US 7056105 \$ or US 7040873 \$ or US 7037090 \$ or US 7033148 \$ or US 6997897 \$ or US 6935850 \$ or US 6905314 \$ or US 6893231 \$ or US 6884040 \$ or US 6832900 \$ or US 6821096 \$) did. or (US 6773238 \$ or US 6764285 \$ or US 6749408 \$ or US 6746212 \$ or US 6733256 \$ or US 6733248 \$ or US 6729800 \$ or US 6728866 \$ or US 6716005 \$ or US 6676390 \$ or US 6663361 \$ or US 6663350 \$ or US 6652741 \$ or US 6644540 \$ or US 6637200 \$ or US 6629828 \$ or US 6622256 \$ or US 6622354 \$ or US 6622612 \$ or US 6619932 \$ or US 6589028 \$ or US 6561774 \$ or US 6558134 \$ or US 6554585 \$ or US 6551078 \$ or US 6544005 \$ or US 6533580 \$) did. or (US 6527524 \$ or US 6511306 \$ or US 6481984 \$ or US 6450788 \$ or US 6450777 \$ or US 6431845 \$ or US 6428290 \$ or US 6422840 \$ or US 6423763 \$ or US 6397844 \$ or US 6389880 \$ or US 6350112 \$ or US 6345963 \$ or US 6331101 \$ or US 6315532 \$ or US 6305918 \$ or US 6299413 \$ or US 6283723 \$ or US 6267571 \$ or US 6264442 \$ or US 6254357 \$ or US 6234774 \$ or US 6231322 \$ or US 6227821 \$ or US 6176348 \$ or US 6164935 \$ or US 6152709 \$) did. or (US 6131288 \$ or US 6135733 \$ or US 6132189 \$ or US 6129526 \$ or US 61120265 \$ or US 6113368 \$ or US 6109894 \$ or US 6102673 \$ or US 6092993 \$ or US 6074174 \$ or US 6071088 \$ or US 6059546 \$ or US 6056521 \$ or US 6053711 \$ or US 6050791 \$ or US 6047902 \$ or US 6030185 \$ or US 6017198 \$ or US 5967256 \$ or US 5959174 \$ or US 5976184 \$ or US 5938416 \$ or US 5896672 \$ or US 5897302 \$ or US 5881919 \$ or US 5860795 \$ or US 5848879 \$) did. or (US 5839888 \$ or US 5833925 \$ or US 5782616 \$ or US 5762480 \$ or US 5752587 \$ or US 5718669 \$ or US 5707217 \$ or US 5707212 \$ or US 5700137 \$ or US 5690478 \$ or US 5683294 \$ or US 5649809 \$ or US 5636875 \$ or US 5632650 \$ or US 5622479 \$ or US 5593291 \$ or US 5584672 \$ or US 5584669 \$ or US 5577896 \$ or US 5573386 \$ or US 5567122 \$ or US 5556267 \$ or US 5552694 \$ or US 5551843 \$ or US 5533436 \$ or US 5531575 \$ or US 5528467 \$) did. or (US 5529463 \$ or US 5505593 \$ or US 5497832 \$ or US 5496466 \$ or US 5492535 \$ or US 5484270 \$ or US 5484269 \$ or US 5476367 \$ or US 5472324 \$ or US 5451145 \$ or US 5435703 \$ or US 5411380 \$ or US 5407424 \$ or US 5401141 \$ or US 5393492 \$ or US 5390585 \$ or US 5374169 \$ or US 5369324 \$ or US 5358385 \$ or US 5316164 \$ or US 5304046 \$ or US 5302087 \$ or US 5296921 \$ or US 5290159 \$ or US 5273407 \$ or US 5261795 \$ or US 5246355 \$) did. or (US 5244064 \$ or US 5232047 \$ or US 5226801 \$ or US 5222877 \$ or US 5195679 \$ or US 5189396 \$ or US 5174724 \$ or US 5173039 \$ or US 5171136 \$ or US 5163822 \$ or US 5158153 \$ or US 5154339 \$ or US 5127807 \$ or US 5118265 \$ or US 5113808 \$ or US 5107960 \$ or US 5100305 \$ or US 5094599 \$ or US 5076769 \$ or US 5066199 \$ or US 5059101 \$ or US 5051074 \$ or US 5018949 \$ or US 5017105 \$ or US 5009580 \$ or US 5007812 \$ or US 4980059 \$) did. or (US 4978284 \$ or US 4961691 \$ or US 4960389 \$ or US 4932373 \$ or US 4931000 \$ or US 4902206 \$ or US 4880365 \$ or US 4878815 \$ or US 4838860 \$ or US 4834632 \$ or US 4834627 \$ or US 4834032 \$ or US 4830589 \$ or US 4828148 \$ or US 4824342 \$ or US 4821726 \$ or US 4808093 \$ or US 4790732 \$ or US 4773833 \$ or US 4762051 \$ or US 4756674 \$ or US 4753581 \$ or US 4744735 \$ or US 4737084 \$ or US 4734187 \$ or US 4721443 \$ or US 4718836 \$) did. or (US 4709304 \$ or US 4708603 \$ or US 4687426 \$ or US 4679994 \$ or US 4616983 \$ or US 4610609 \$ or US 4585325 \$ or US 4583921 \$ or US 4576557 \$ or US 4565501 \$ or US 4561828 \$ or US 4556371 \$ or US 4551077 \$ or US 4530646 \$ or US 4529303 \$ or US 4520992 \$ or US 4516477 \$ or US 4515537 \$ or US 4498372 \$ or US 4497614 \$ or US 4494444 \$ or US 4494415 \$ or US 4480709 \$ or US 4480529 \$ or US 4479419 \$ or US 4477237 \$ or US 4468174 \$) did. or (US 4467703 \$ or US 4462768 \$ or US 4456439 \$ or US 4453888 \$ or US 4443163 \$ or US 4436220 \$ or US 4427348 \$ or US 4427192 \$ or US 4407252 \$ or US 4400144 \$ or US 4400143 \$ or US 4396362 \$ or US 4388050 \$ or US 4381179 \$ or US 4366747 \$ or US 4360323 \$ or US 4359312 \$ or US 4357617 \$ or US 4347701 \$ or US 4341508 \$ or US 4339233 \$ or US 4304533 \$ or US 4302163 \$ or US 4286362 \$ or US 4277229 \$ or US 4264286 \$ or US 4263602 \$) did. or (US 4253804 \$ or US 4252510 \$ or US 4245966 \$ or US 4242063 \$ or US 4239463 \$ or US 4231714 \$ or US 4207775 \$ or US 4184817 \$ or US 4173952 \$ or US 4177016 \$ or US 4173437 \$ or US 4173435 \$ or US 4171191 \$ or US 4147477 \$ or US 4145166 \$ or US 4141676 \$ or US 4137020 \$ or US 4127360 \$ or US 4125346 \$ or US 4124334 \$ or US 4119410 \$ or US 4108832 \$ or US 4097199 \$ or US 4057198 \$ or US 4087213 \$ or US 4087209 \$ or US 4080108 \$) did. or (US 4077441 \$ or US 4072210 \$ or US 4058855 \$ or US 4058862 \$ or US 4032263 \$ or US 4031778 \$ or US 4028018 \$ or US 4026196 \$ or US 3994632 \$ or US 3985475 \$ or US 3981620 \$ or US 3967762 \$ or US 3966064 \$ or US 3959967 \$ or US 3930756 \$ or US 3923247 \$ or US 3871793 \$ or US 3864932 \$ or US 3822683 \$ or US 3816029 \$ or US 3811801 \$ or US 3807907 \$ or US 3792939 \$ or US 3784335 \$ or US 3747721 \$ or US 3771912 \$ or US 3765802 \$) did. or (US 3760694 \$ or US 3724084 \$ or US 3694111 \$ or US 3668945 \$ or US 3653789 \$ or US 3639086 \$ or US 3637330 \$ or US 3636570 \$ or US 3624823 \$ or US 3612732 \$ or US 3612729 \$ or US 3603804 \$ or US 3597120 \$ or US 3582239 \$ or US 3578885 \$ or US 3569725 \$ or US 3544239 \$ or US 3539278 \$ or US 3532029 \$ or US 3524087 \$ or US 3523002 \$ or US 3500759 \$ or US 3482651 \$ or US 3467016 \$ or US 3426696 \$ or US 3422765 \$ or US 3410477 \$) did. or (US 3410219 \$ or US 3406636 \$ or US 3399694 \$ or US 3398885 \$ or US 3398693 \$ or US 3382811 \$ or US 3369496 \$ or US 3367746 \$ or US 3364871 \$ or US 3315806 \$ or US 3302578 \$ or US 3301197 \$ or US 3295633 \$ or US 3286322 \$ or US 3282224 \$ or US 3272132 \$ or US 3266435 \$ or US 3260211 \$ or US 3241746 \$ or US 3238604 \$ or US 3236188 \$ or US 3216365 \$ or US 3208394 \$ or US 3205906 \$ or US 3203356 \$ or US 3195808 \$ or US 3190233 \$) did. or (US 3190230 \$ or US 3185103 \$ or US 3183840 \$ or US 3164101 \$ or US 3163355 \$ or US 3163121 \$ or US 3149573 \$ or US 3146724 \$ or US 3143075 \$ or US 3136166 \$ or US 3109378 \$ or US 3094076 \$ or US 3090229 \$ or US 3085512 \$ or US 3077836 \$ or US 3073453 \$ or US 3055228 \$ or US 3045896 \$ or US 3027771 \$ or US 3016843 \$ or US 3013498 \$ or US 2988003 \$ or US 2980024 \$ or US 2969022 \$ or US 2912158 \$ or US 2871795 \$) did. or (US 2843051 \$ or US 2834298 \$ or US 2828693 \$ or US 2819588 \$ or US 2816515 \$ or US 2778315 \$ or US 2776824 \$ or US 2768818 \$ or US 2755739 \$ or US 2730952 \$ or US 2719829 \$ or US 2712286 \$ or US 2696576 \$ or US 2697403 \$ or US 2693758 \$ or US 2685259 \$ or US 2685257 \$ or US 2670691 \$ or US 2668656 \$ or US 2650545 \$ or US 2636349 \$ or US 2635545 \$ or US 2634047 \$ or US 2628563 \$ or US 2627813 \$ or US 2625115 \$ or US 2620734 \$) did. or (US 2552703 \$ or US 2542786 \$ or US 2495319 \$ or US 2483218 \$ or US 2466832 \$ or US 2450570 \$ or US 2439664 \$ or US 2433664 \$ or US 2427570 \$ or US 2416843 \$ or US 2392117 \$ or US 2390798 \$ or US 2368187 \$ or US 2364111 \$ or US 2348567 \$ or US 2347240 \$ or US 2337831 \$ or US 2332629 \$ or US 2331513 \$ or US 2313551 \$ or US 2312337 \$ or US 2291939 \$ or US 2284645 \$ or US 2273403 \$ or US 2272518 \$ or US 2250551 \$) did. or (US 2243648 \$ or US 2240371 \$ or US 2238252 \$ or US 2211029 \$ or US 2193930 \$ or US 2192987 \$ or US 2192372 \$ or US 2189526 \$ or US 2188646 \$ or US 2175947 \$ or US 2174805 \$ or US 2170327 \$ or US 2147037 \$ or US 2139346 \$ or US 2138194 \$ or US 2127527 \$ or US 2114565 \$ or US 2097413 \$ or US 2095316 \$ or US 2092641 \$ or US 2091499 \$ or US 2081221 \$ or US 2078480 \$ or US 2064648 \$ or US 2055758 \$ or US 2047414 \$ or US 2037434 \$) did. or (US 2022643 \$ or US 2020932 \$ or US 2005107 \$ or US 2002713 \$ or US 1991340 \$ or US 1979476 \$ or US 1943182 \$ or US 1915827 \$ or US 1891771 \$ or US 1875262 \$ or US 1873812 \$ or US 1866136 \$ or US 1866026 \$ or US 1857622 \$ or US 1857675 \$ or US 1847296 \$ or US 1820883 \$ or US 1802070 \$ or US 1801395 \$ or US 1783425 \$ or US 1780121 \$ or US 1775975 \$ or US 1775612 \$ or US 1751413 \$ or US 1728255 \$ or US 1726150 \$ or US 1723874 \$) did. or (US 1705216 \$ or US 1703336 \$ or US 1696734 \$ or US 1696436 \$ or US 1686340 \$ or US 1686339 \$ or US 1680089 \$ or US 1679132 \$ or US 1662720 \$ or US 1661195 \$ or US 1645670 \$ or US 1639956 \$ or US 1635515 \$ or US 1629178 \$ or US 1612158 \$ or US 1611022 \$ or US 1596037 \$ or US 1559365 \$ or US 1555598 \$ or US 1550832 \$ or US 1545038 \$ or US 1528992 \$ or US 1522349 \$ or US 1517898 \$ or US 1516479 \$ or US 1515703 \$ or US 1499240 \$) did. or (US 1499007 \$ or US 1489122 \$ or US 1480040 \$ or US 1476600 \$ or US 1474769 \$ or US 1463109 \$ or US 1455788 \$ or US 1453653 \$ or US 1437147 \$ or US 1418616 \$ or US 1417317 \$ or US 1408092 \$ or US 1402761 \$ or US 1400477 \$ or US 1400422 \$ or US 1379515 \$ or US 1376315 \$ or US 1367702 \$ or US 1351176 \$ or US 1350926 \$ or US 1347739 \$ or US 1339311 \$ or US 1337057 \$ or US 1328259 \$) did.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2009/10/08 16:48
L27	573	L26 and pump\$3	JUSPAT	OR	OFF	2009/10/08 16:48
L28	10	L27 not L25	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2009/10/08 16:48
S1	0	"(6017198or5964580or522463or5213478or4515536or4439112or4178133or3427987or3253549or3250226or3087433or2671465or4966528or4561688or4886432or4580522or3951572or3020846or6293340or6007274)".PM	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:09
S2	20	"6017198" or "5964580" or "522463" or "5213478" or "4515536" or "4439112" or "4178133" or "3427987" or "3253549" or "3250226" or "3087433" or "2671465" or "4966528" or "4561688" or "4886432" or "4580522" or "3951572" or "3020846" or "6293340" or "6007274".pm	JUSPAT	OR	OFF	2008/05/06 17:12
S3	1090999	Note that original workspace was corrupted and file was lost	JUSPAT	OR	OFF	2008/05/06 17:14
S4	7491560	This is a recreation of copied tagged items and search fields	JUSPAT	OR	OFF	2008/05/06 17:15
S5	473	(417/394).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:15
S6	410	(417/478).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:16
S7	296	(417/375).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:16
S8	619	(417/390).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:16
S9	519	(417/392).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:16
S10	379	(417/353).OCL5	JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:16
S11	1	(GORDON) near2 (MORRISSES) INV.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:17
S12	336	(ROBERT) near2 (WESTI) INV.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:18
S13	1	(ROBERT) near2 leslie near2 (WESTI) INV.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:18
S14	1	(GORDON) near2 (MORRISSES) INV.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:19
S16	336	(ROBERT) near2 (WESTI) INV.	JUS PG&UE, JUSPAT, JUSCOR	OR	OFF	2008/05/06 17:20

S17	1	((ROBERT) near2 leslie near2 (WEST)) INV.	US-PGUB; USPAT; USOCR	OR	OFF	2008/05/06 17:20
S18	31	(166/75.12) CCLS	USPAT; USOCR	OR	OFF	2008/05/06 17:20
S19	20	((US-6293340-\$ or US-6017198-\$ or US-6007274-\$ or US-5964580-\$ or US-5522463-\$ or US-5213478-\$ or US-4966528-\$ or US-4961689-\$ or US-4886432-\$ or US-4580952-\$ or US-4515536-\$ or US-4439112-\$ or US-4178133-\$ or US-3951572-\$ or US-3427987-\$ or US-3253549-\$ or US-3250226-\$ or US-3087433-\$ or US-3020846-\$ or US-2971465-\$) did.	USPAT	OR	OFF	2008/05/07 07:47
S20	11	S19 and water	USPAT	OR	OFF	2008/05/07 07:47
S22	1	"2971465" pn.	USOCR	OR	OFF	2008/05/07 07:54
S23	0	S22 and water	USOCR	OR	OFF	2008/05/07 07:55
S24	1	duration with discharge with stroke with longer with intake	US-PGUB; USPAT; USOCR; FPRS; EPO; JPO; DERMENT; IBM_TDB	OR	OFF	2008/05/07 08:32
S25	10	duration with discharge with stroke with longer	US-PGUB; USPAT; USOCR; FPRS; EPO; JPO; DERMENT; IBM_TDB	OR	OFF	2008/05/07 08:33
S26	1	"7134489" pn.	USPAT	OR	OFF	2008/05/07 12:40
S27	397	(417/900) CCLS	USPAT; USOCR	OR	OFF	2008/12/29 17:26
S28	413	S27 and pump\$3	USPAT	OR	OFF	2008/12/29 17:27
S29	0	S28 and (inelastic near2 tube)	USPAT	OR	OFF	2008/12/29 17:29
S30	0	S28 and inelastic	USPAT	OR	OFF	2008/12/29 17:30
S31	96059	("417") CLAS	USPAT; USOCR	OR	OFF	2008/12/29 17:30
S32	42	S31 and inelastic	USPAT	OR	OFF	2008/12/29 17:30
S33	25	S28 and (closed near2 end)	USPAT	OR	OFF	2008/12/29 17:44
S34	431	(417/206) CCLS	USPAT; USOCR	OR	OFF	2008/12/29 17:55
S35	164	S34 and pump\$3	USPAT	OR	OFF	2008/12/29 17:55
S38	1	((keep or maintain) near2 laut near2 condition) same pump\$3	USPAT	OR	OFF	2008/12/29 19:16
S39	30	pump\$3 near5 laut	USPAT	OR	OFF	2008/12/29 19:18
S40	410	(417/478) CCLS	USPAT; USOCR	OR	OFF	2008/12/29 19:35
S41	212	S40 and pump\$3	USPAT	OR	OFF	2008/12/29 19:40
S44	1899	((417/521) or (417/534) or (417/539)) CCLS	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/05 10:49
S45	563	S44 and pump\$3	USPAT	OR	OFF	2009/01/05 10:49
S46	872	(92/92) CCLS	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/05 13:06
S47	57	S46 and pump\$3	USPAT	OR	OFF	2009/01/05 13:06
S49	1215	((92/90) or (92/91) or (92/130g)) CCLS	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/05 13:49
S50	152	S49 and pump\$3	USPAT	OR	OFF	2009/01/05 13:49
S51	33	inelastic near2 bladder	USPAT	OR	OFF	2009/01/05 15:12
S52	31	inelastic near2 diaphragm	USPAT	OR	OFF	2009/01/05 15:49
S53	15	(spring near2 return) near5 bladder	USPAT	OR	OFF	2009/01/05 19:10
S54	17	("3267817" "3739663" "4006669" "4008008" "4108050" "4225110" "4615290" "4777868" "4833973" "4841845" "4860639" "5067390" "5158005" "5201282" "6000675" "6209443") PN. OR ("6860189") UPRN.	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/05 19:31
S55	37	("1928388" "2388741" "2441881" "2465580" "2789580" "2832586" "2947326" "3020981" "3143332" "3151706" "3212447" "3235221" "3632077" "3712603" "4465296" "4538854" "4563951") PN. OR ("4833973") UPRN.	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/05 19:38
S56	495	(417/394) CCLS	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/06 16:31
S57	14	("2564198" "3113455" "4669554" "4717473" "4943210" "4974674" "5027902" "5099920" "5293934" "5708220") PN. OR ("6206657") UPRN.	US-PGUB; USPAT; USOCR	OR	OFF	2009/01/06 16:44

S59	408	{417/472} CCL\$	{US PGUB; USPAT; USOCR}	OR	OFF	2009/01/07 12:25
S60	140	S59 and pump\$3 and spring\$1	{US PGUB; USPAT; USOCR}	OR	OFF	2009/01/07 12:26
S61	1	S59 and inelastic	{US PGUB; USPAT; USOCR}	OR	OFF	2009/01/07 12:41
S62	21	bellows near\$ inelastic	{US PGUB; USPAT; USOCR}	OR	OFF	2009/01/07 12:42
S63	118	bellows near\$2 shap\$3 near\$2 tub\$3	{USPAT; USOCR}	OR	OFF	2009/07/16 14:35
S65	48135	{vacuum adj\$2 cleaner}	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 12:59
S66	5363	S65 and spring	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 12:59
S67	15	{cleaner near\$2 bag} near\$2 expan\$5	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 13:00
S68	1	S66 and S67	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 13:01
S70	82	{cleaner near\$2 bag} with spring	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 13:02
S71	63	S66 and S70	{US PGUB; USPAT; USOCR, FPRS; EPO, JPO; DERMENT; JEM, TDB}	OR	OFF	2009/09/02 13:02

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
12	10	{structure and taut and tube and axial and length and shortens and intake and stroke and increases and exhaust and pump and rigid and outer and casing and interior and space}.clm.	{USPAT; UPAD}	OR	OFF	2009/10/08 16:37

10/ 8/ 2009 5:19:28 PM
C:\Documents and Settings\dkasture\My Documents\ EAST Workspaces\ Search for Application 10_522732_backup.wsp